

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127181.D
 Acq On : 03 Mar 2022 20:00
 Operator : CG\JU
 Sample : N1751-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-12

Quant Time: Mar 04 02:14:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/04/2022
 Supervised By : Jagrut Upadhyay 03/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	117366	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	477281	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	238103	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	401014	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	199328	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	212367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	621162	81.800	ng	0.00
7) Phenol-d6	6.522	99	845728	82.538	ng	0.00
23) Nitrobenzene-d5	7.451	82	576026	54.476	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	236938	86.429	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	866307	53.562	ng	0.00
79) Terphenyl-d14	13.010	244	721812	53.233	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.534	94	35161	3.396	ng	89
71) Phenanthrene	11.445	178	251691	11.213	ng	98
72) Anthracene	11.498	178	84664	3.789	ng	97
75) Fluoranthene	12.645	202	676518	31.743	ng	95
78) Pyrene	12.868	202	533543	30.810	ng	99
81) Benzo(a)anthracene	14.057	228	242489	18.045	ng	99
83) Chrysene	14.092	228	200326	15.853	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	79292	5.694	ng	# 86
88) Benzo(b)fluoranthene	15.121	252	242918m	17.031	ng	
89) Benzo(k)fluoranthene	15.145	252	65626m	4.770	ng	
90) Benzo(a)pyrene	15.492	252	156913m	14.084	ng	
92) Benzo(g,h,i)perylene	17.521	276	72133	6.353	ng	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

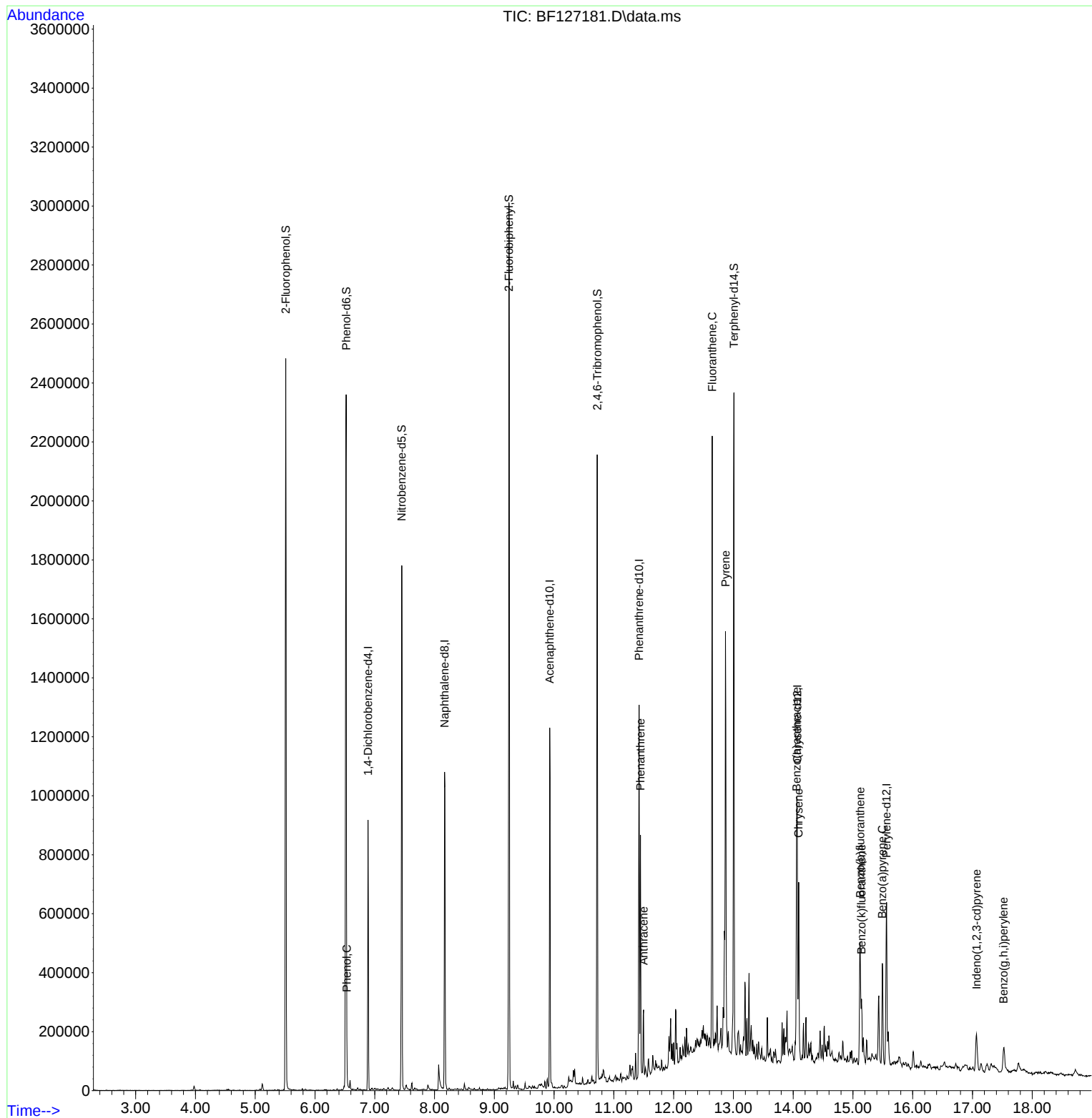
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
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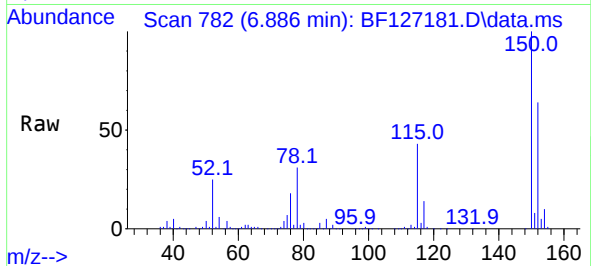
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

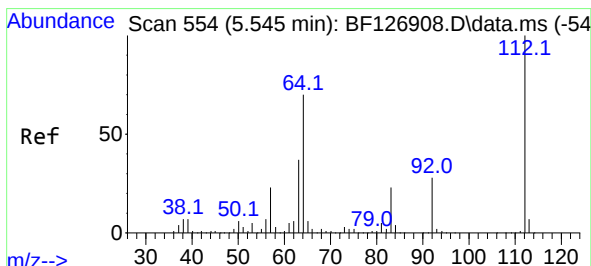
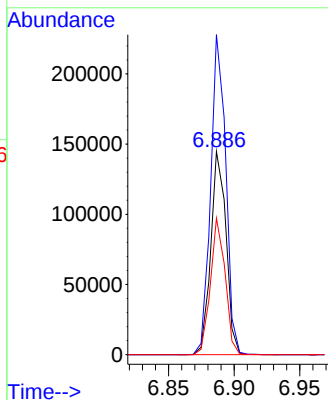
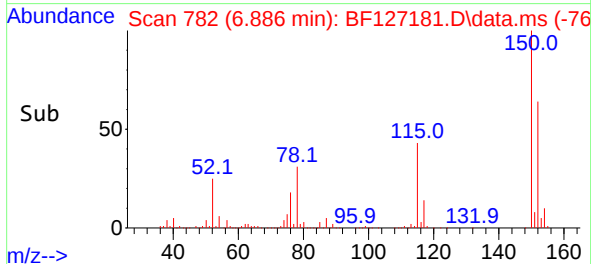
Instrument :
BNA_F
ClientSampleId :
DUM-12



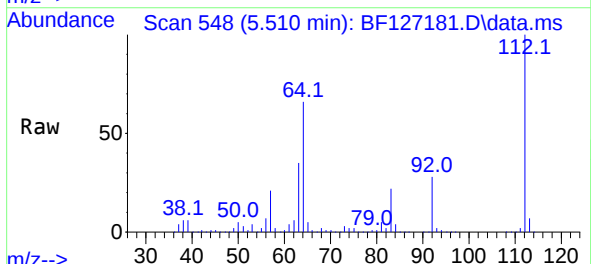
Tgt Ion:152 Resp: 117360
Ion Ratio Lower Upper
152 100
150 157.5 128.1 192.1
115 67.2 56.7 85.1

Manual Integrations
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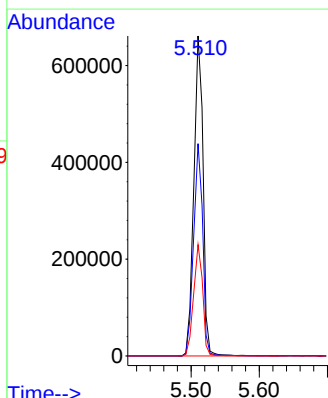
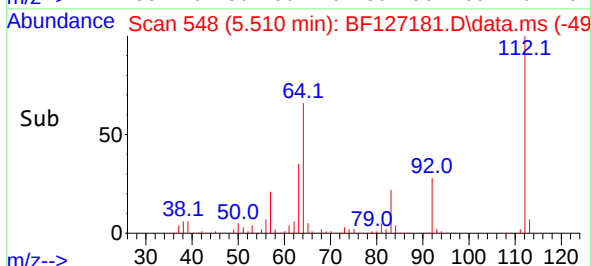
Reviewed By :Christian Giraldo 03/04/2022
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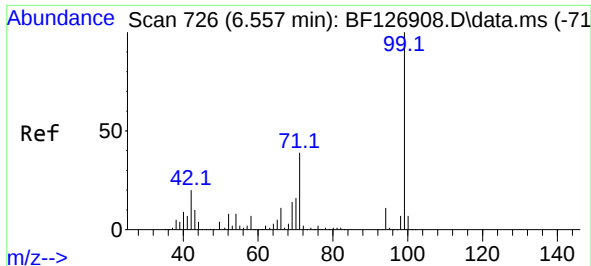


#5
2-Fluorophenol
Concen: 81.800 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00



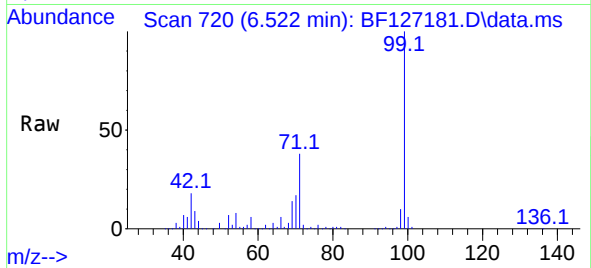
Tgt Ion:112 Resp: 621162
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 34.8 23.9 35.9





#7
Phenol-d6
Concen: 82.538 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

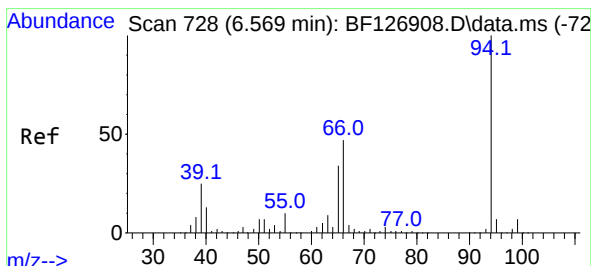
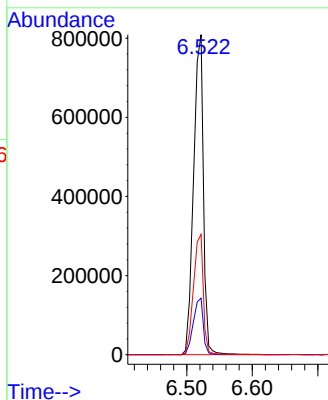
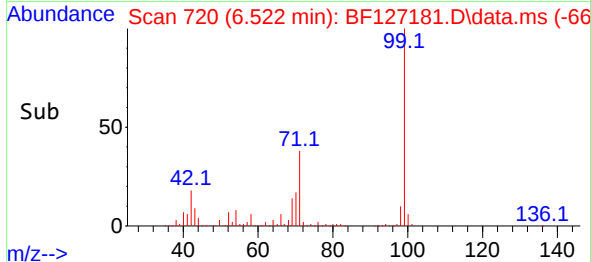
Instrument :
BNA_F
ClientSampleId :
DUM-12



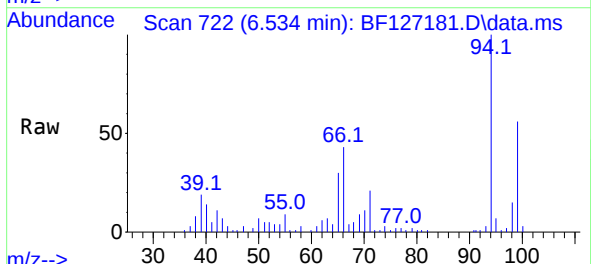
Tgt Ion: 99 Resp: 845728
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 37.6 24.3 36.5

Manual Integrations
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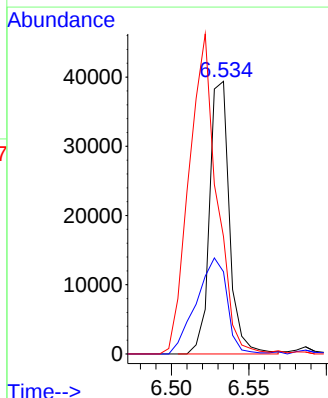
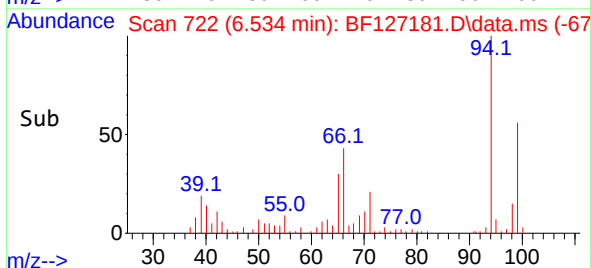
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

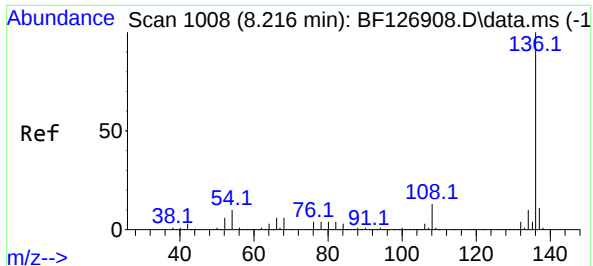


#10
Phenol
Concen: 3.396 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00



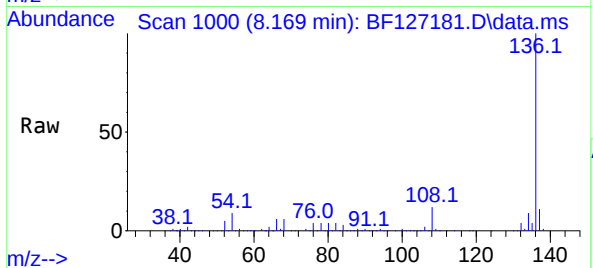
Tgt Ion: 94 Resp: 35161
Ion Ratio Lower Upper
94 100
65 30.2 7.2 47.2
66 43.1 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

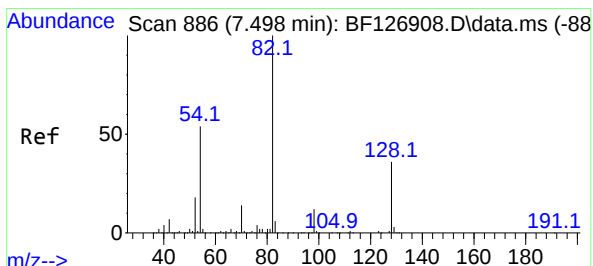
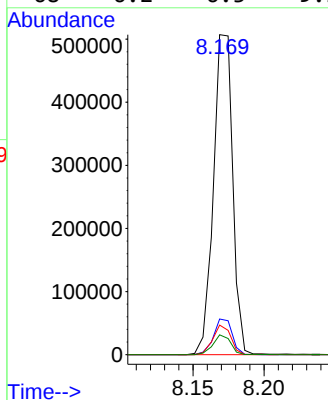
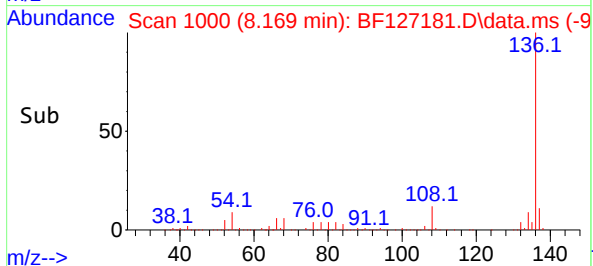
Instrument :
BNA_F
ClientSampleId :
DUM-12



Tgt Ion:136 Resp: 47728
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.3 7.8 11.6
68 6.2 6.3 9.5#

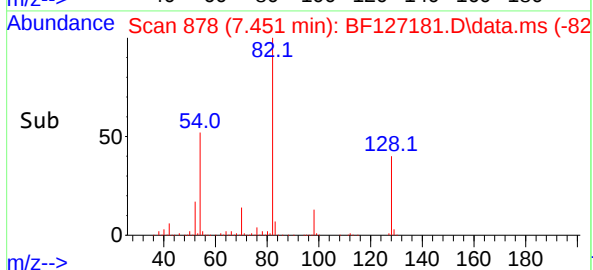
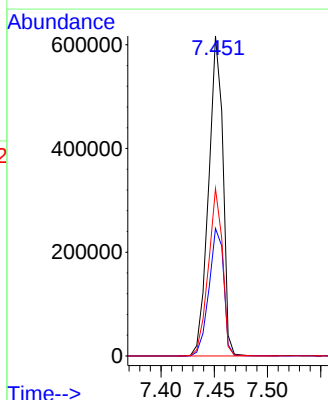
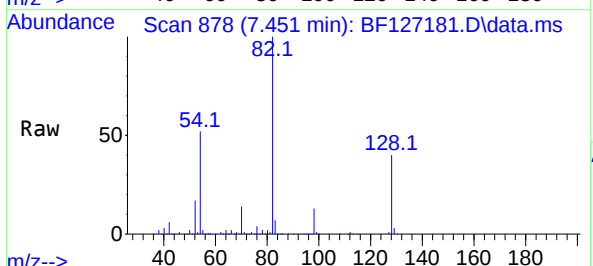
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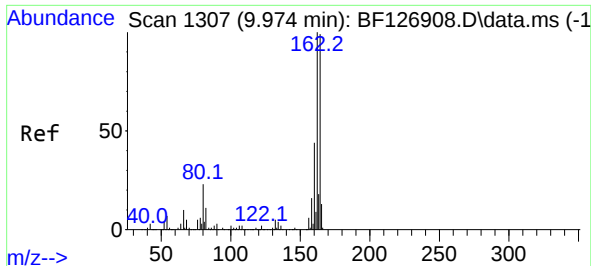
Reviewed By :Christian Giraldo 03/04/2022
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#23
Nitrobenzene-d5
Concen: 54.476 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

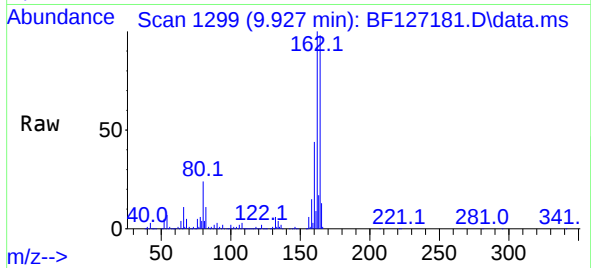
Tgt Ion: 82 Resp: 576026
Ion Ratio Lower Upper
82 100
128 39.9 32.7 49.1
54 52.3 41.7 62.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

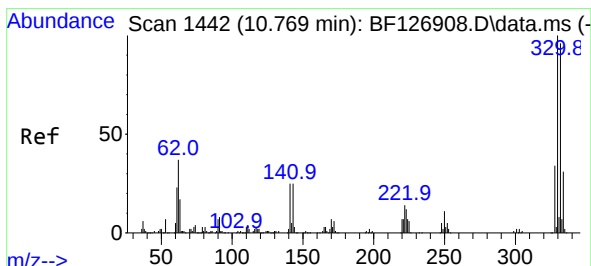
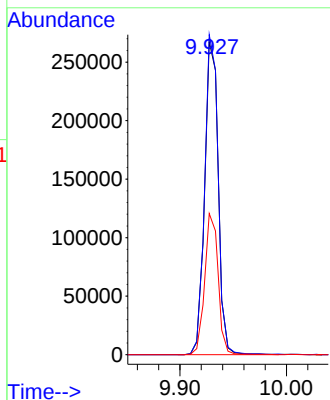
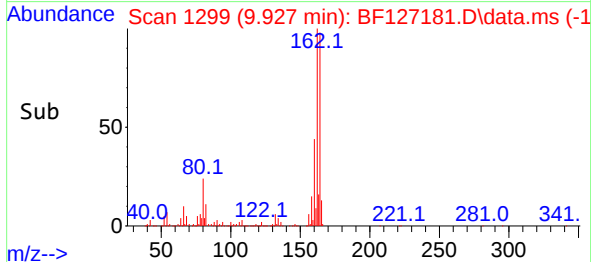
Instrument :
BNA_F
ClientSampleId :
DUM-12



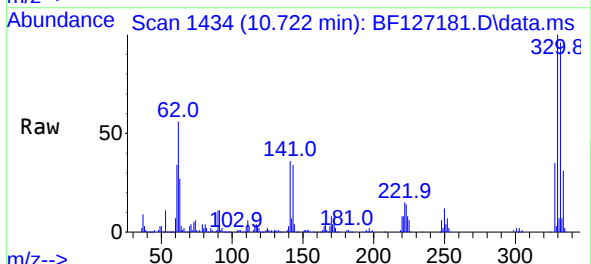
Tgt Ion:164 Resp: 23810
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 45.1 36.6 54.8

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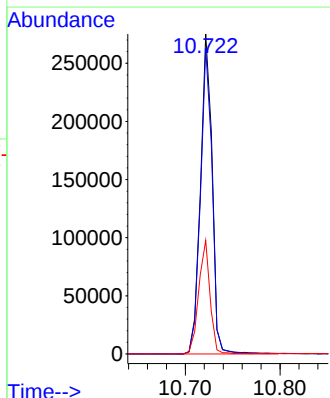
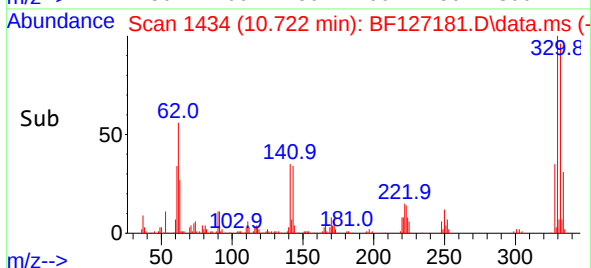
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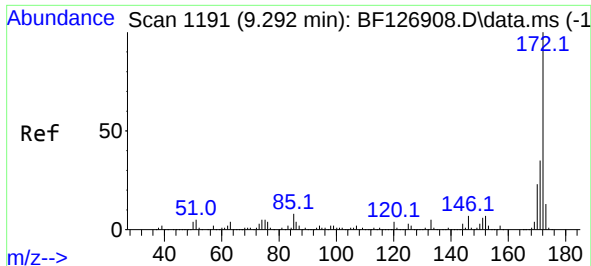


#42
2,4,6-Tribromophenol
Concen: 86.429 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00



Tgt Ion:330 Resp: 236938
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 34.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 53.562 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

DUM-12

Tgt Ion:172 Resp: 86630

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

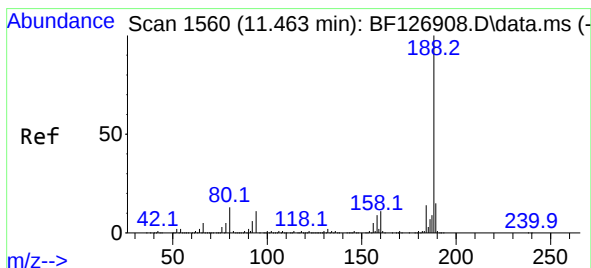
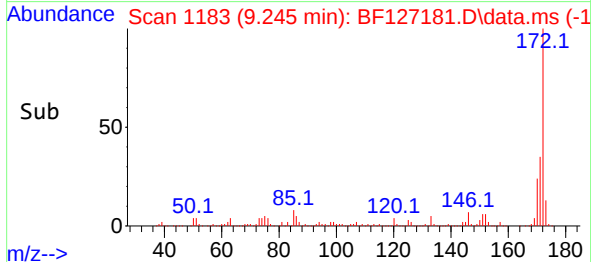
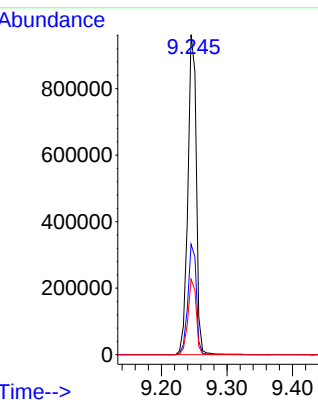
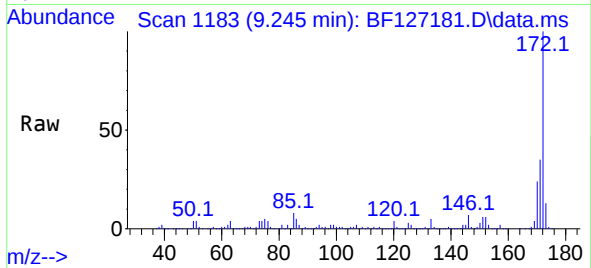
170 23.6 19.0 28.6

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1553

Delta R.T. -0.006 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

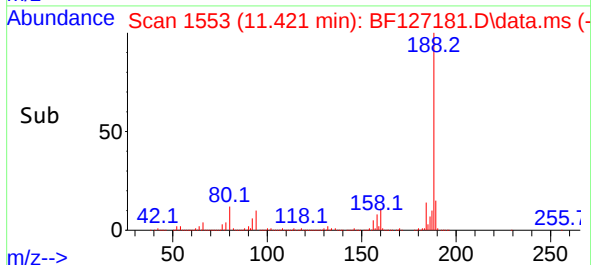
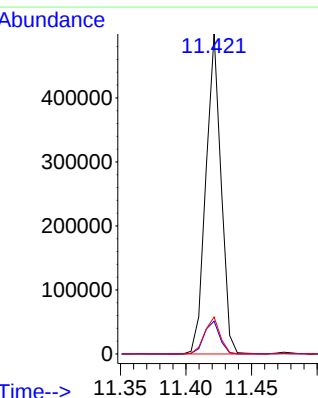
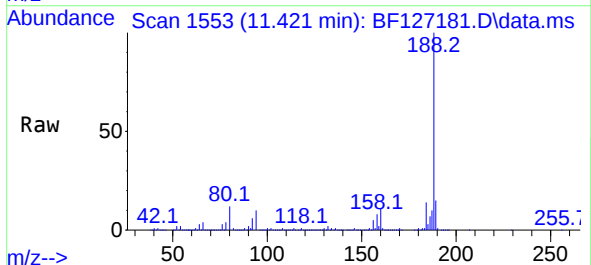
Tgt Ion:188 Resp: 401014

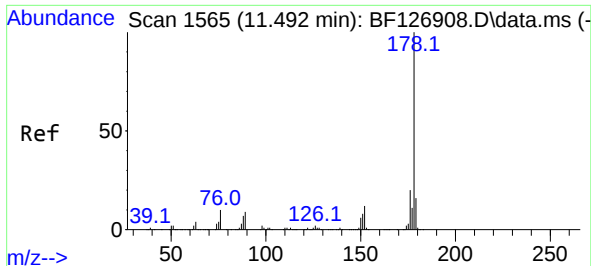
Ion Ratio Lower Upper

188 100

94 10.2 10.1 15.1

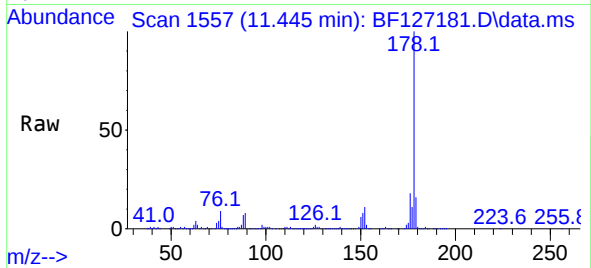
80 11.6 11.8 17.6#





#71
Phenanthrene
Concen: 11.213 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

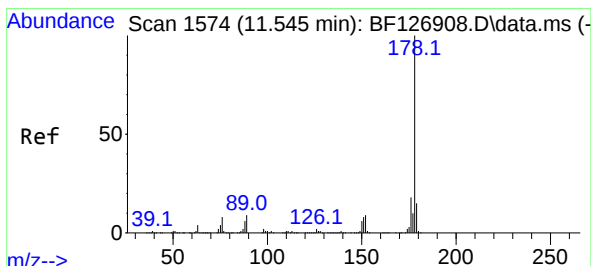
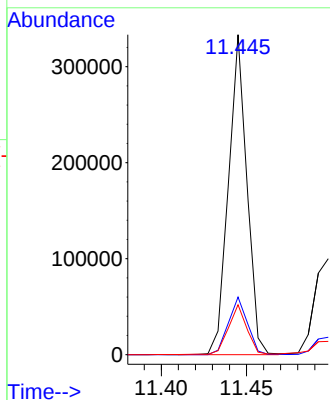
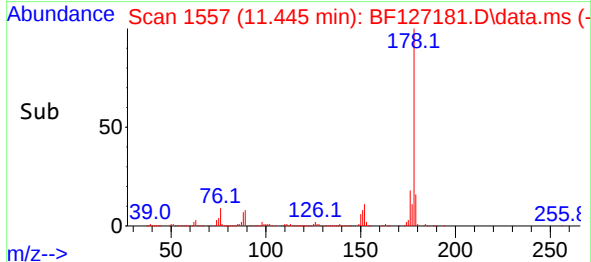
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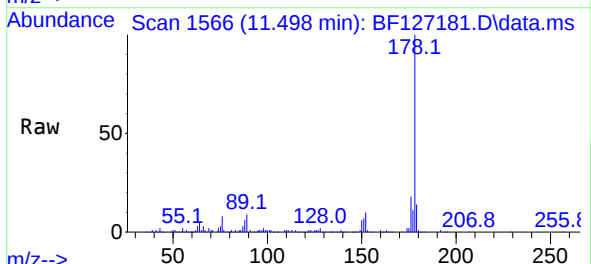
Tgt Ion:178 Resp: 25169
Ion Ratio Lower Upper
178 100
176 18.0 15.7 23.5
179 15.6 12.3 18.5

Manual Integrations
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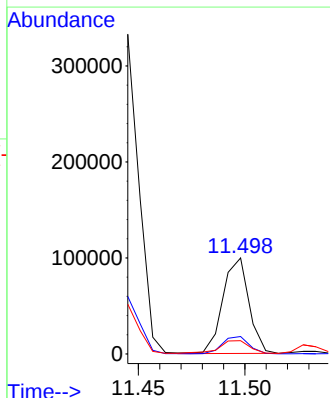
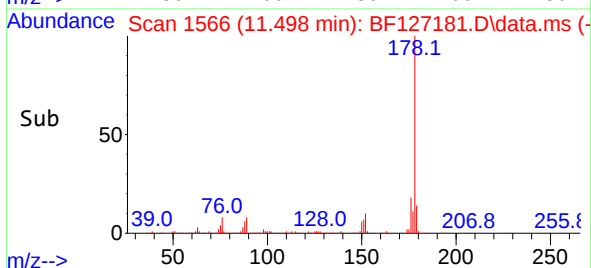
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Supervised By :Jagrut Upadhyay 03/04/2022

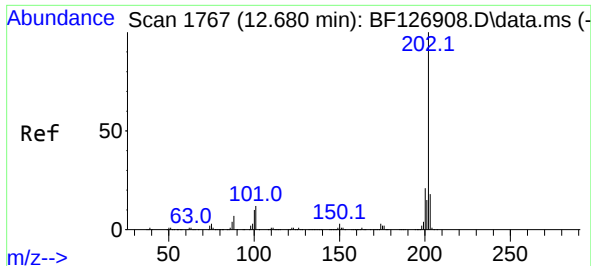


#72
Anthracene
Concen: 3.789 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00



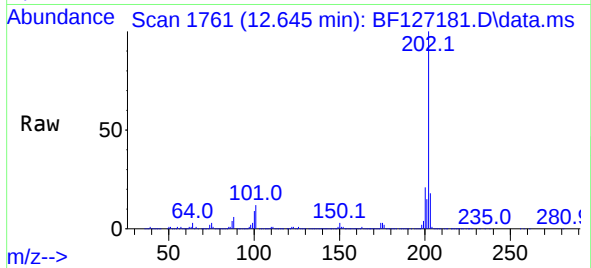
Tgt Ion:178 Resp: 84664
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 13.8 12.5 18.7





#75
Fluoranthene
Concen: 31.743 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

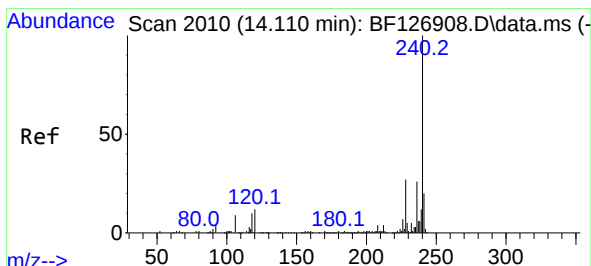
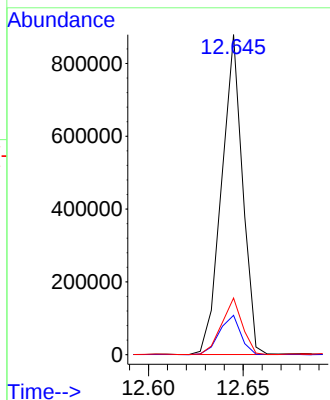
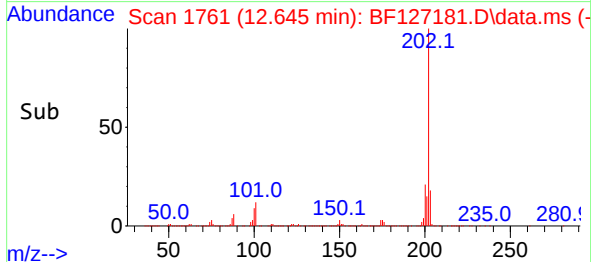
Instrument :
BNA_F
ClientSampleId :
DUM-12



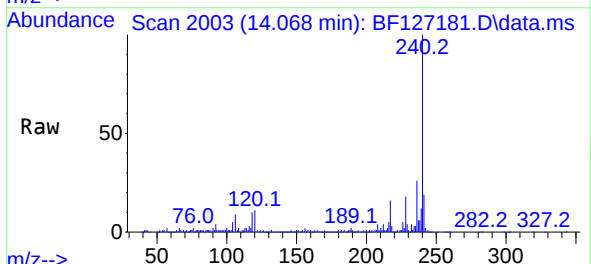
Tgt Ion:202 Resp: 676518
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.7
203 17.7 0.0 37.1

Manual Integrations
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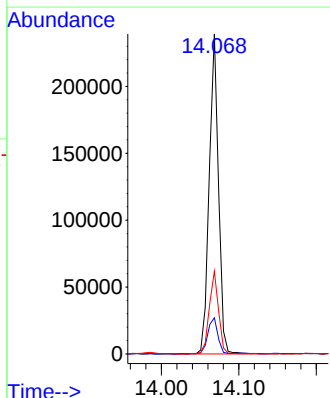
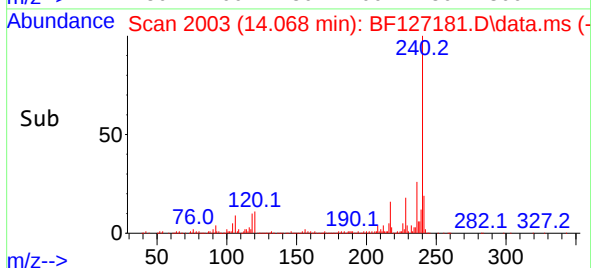
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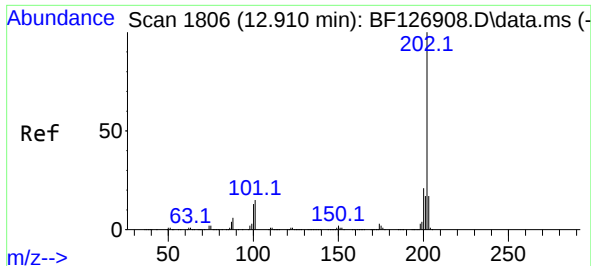


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00



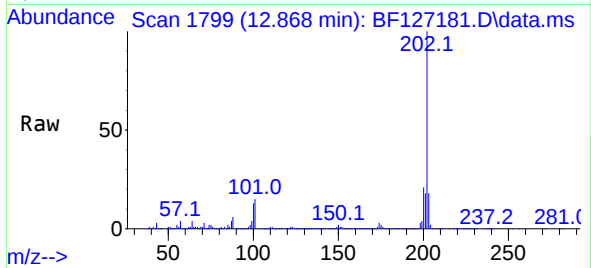
Tgt Ion:240 Resp: 199328
Ion Ratio Lower Upper
240 100
120 11.3 14.4 21.6#
236 25.9 20.5 30.7





#78
Pyrene
Concen: 30.810 ng
RT: 12.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

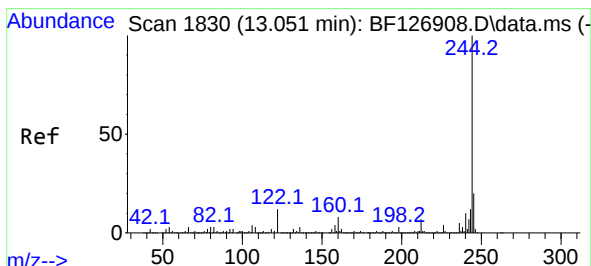
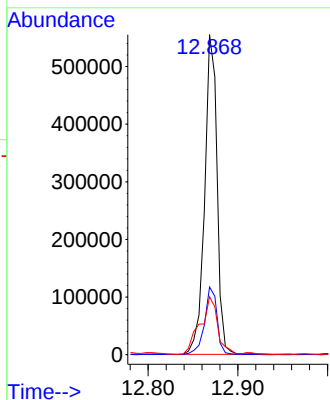
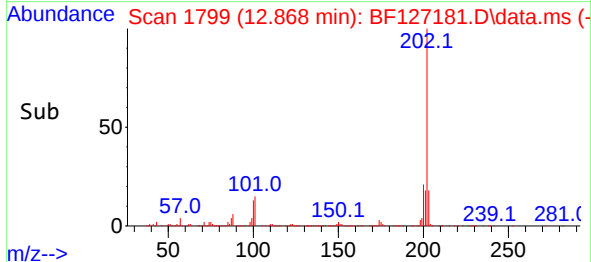
Instrument :
BNA_F
ClientSampleId :
DUM-12



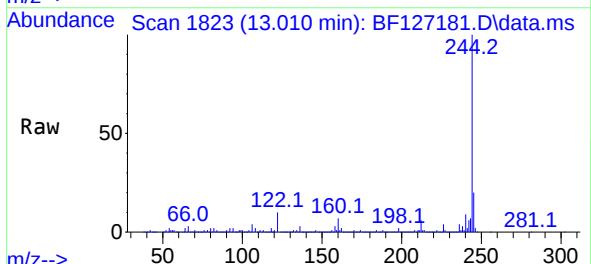
Tgt Ion:202 Resp: 53354
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 18.1 13.8 20.8

Manual Integrations
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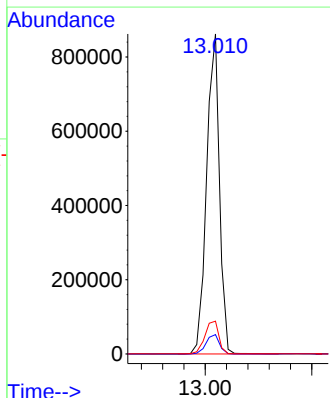
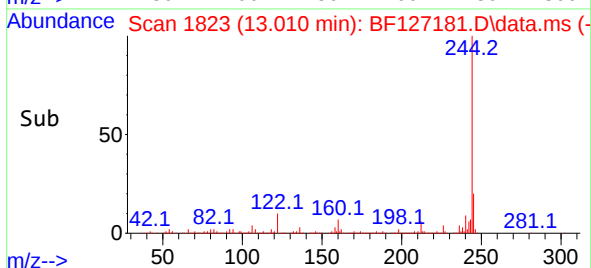
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

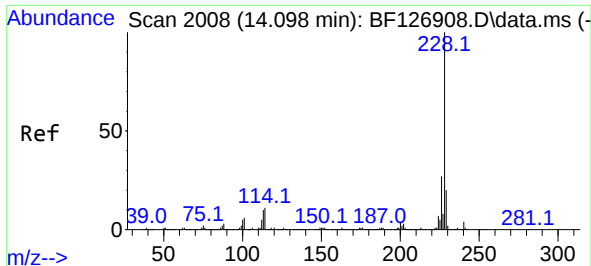


#79
Terphenyl-d14
Concen: 53.233 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00



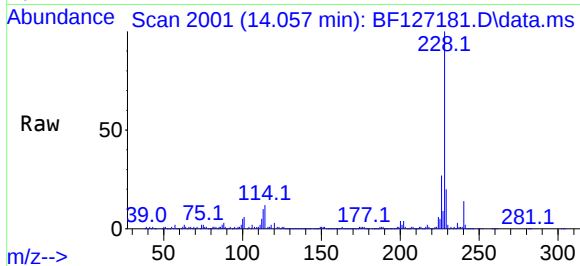
Tgt Ion:244 Resp: 721812
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 10.3 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 18.045 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

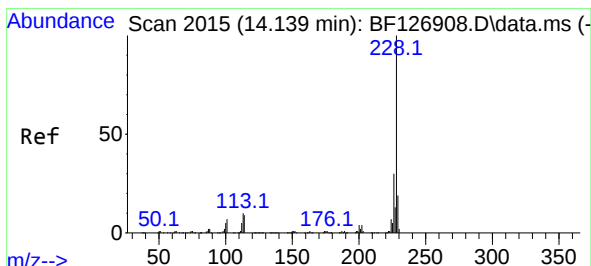
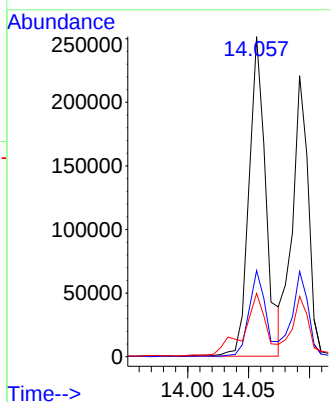
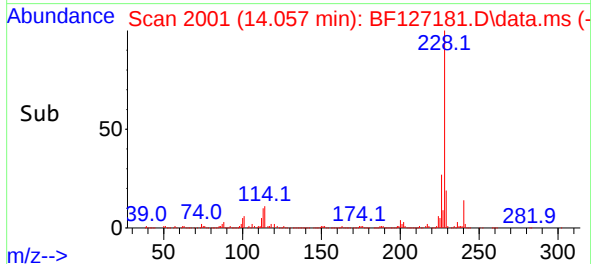
Instrument :
BNA_F
ClientSampleId :
DUM-12



Tgt Ion:228 Resp: 242489
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.8 15.4 23.2

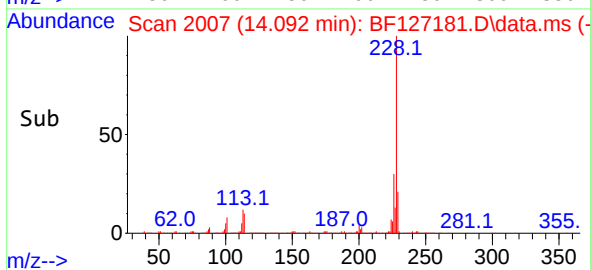
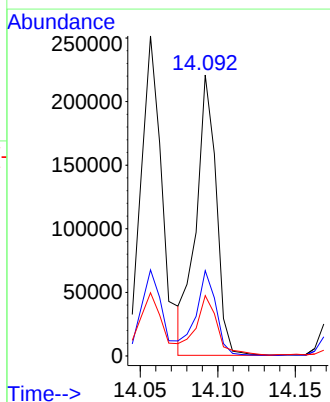
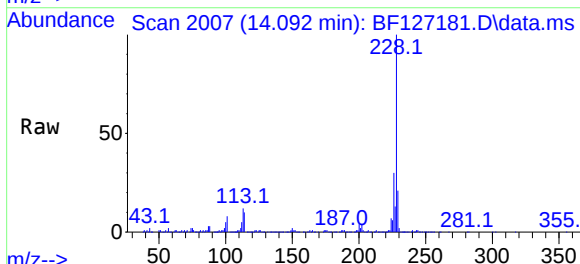
Manual Integrations
APPROVED

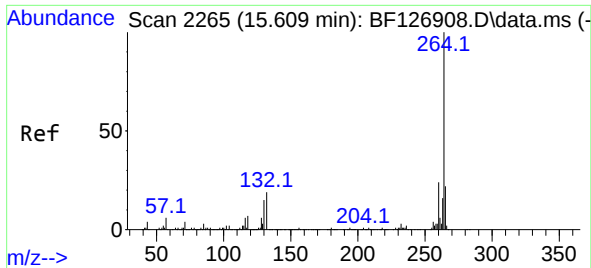
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#83
Chrysene
Concen: 15.853 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

Tgt Ion:228 Resp: 200326
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 21.5 15.5 23.3





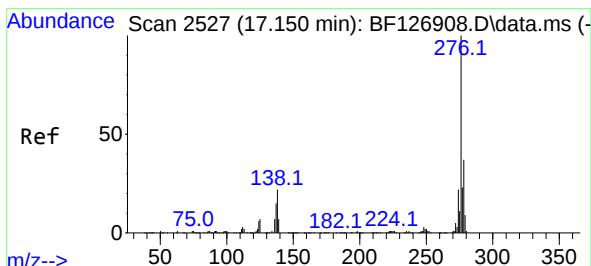
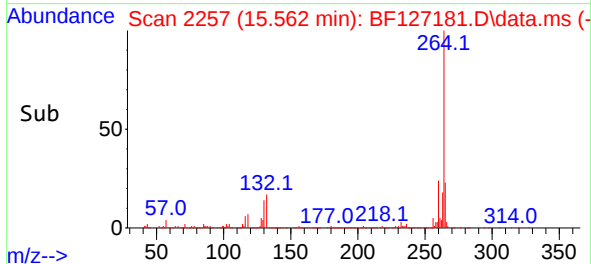
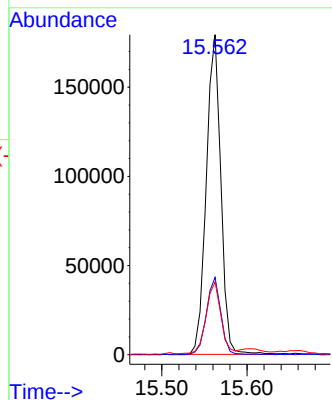
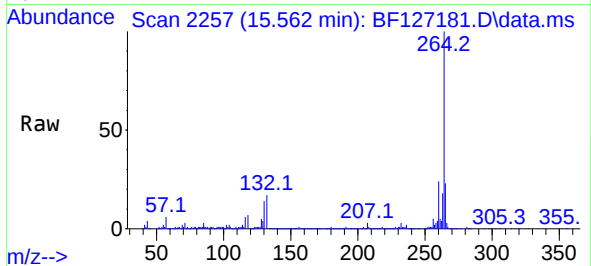
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21236
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

Instrument :
BNA_F
ClientSampleId :
DUM-12

Tgt Ion:264 Resp: 21236
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.7 17.4 26.2

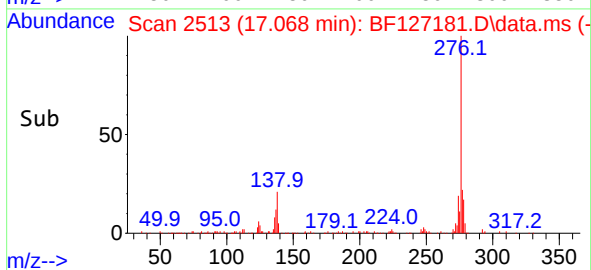
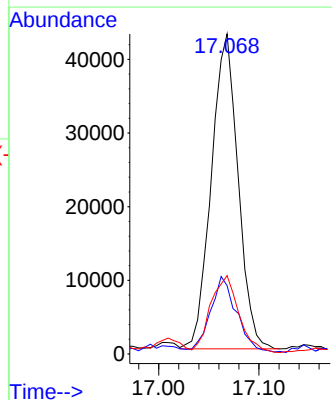
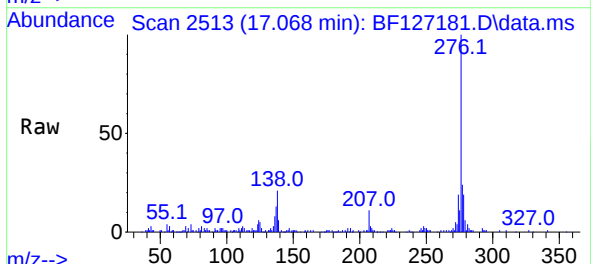
Manual Integrations
APPROVED

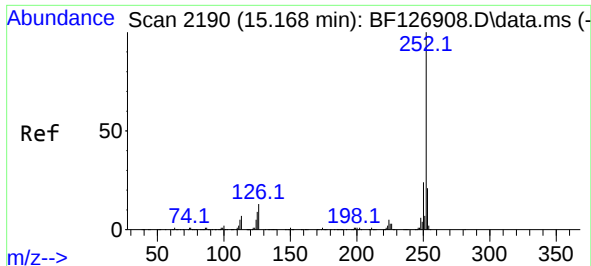
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.694 ng
RT: 17.068 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

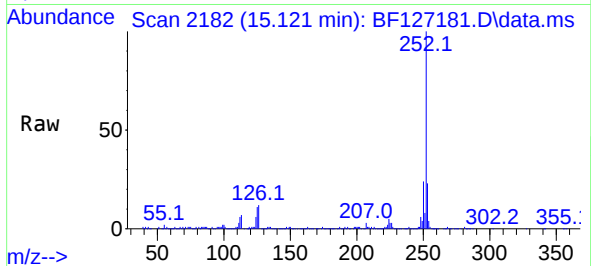
Tgt Ion:276 Resp: 79292
Ion Ratio Lower Upper
276 100
138 23.1 29.2 43.8#
277 25.7 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 17.031 ng m
RT: 15.121 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

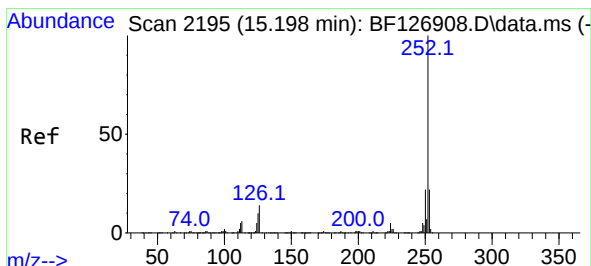
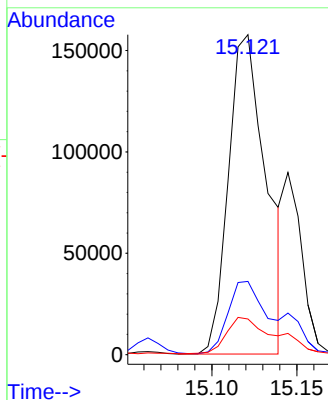
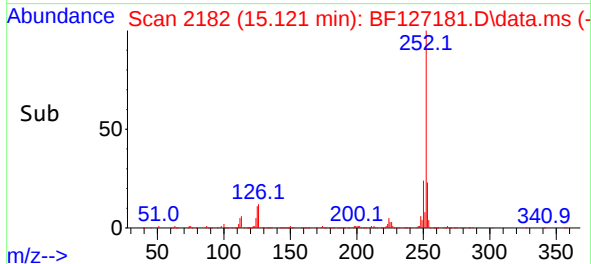
Instrument :
BNA_F
ClientSampleId :
DUM-12



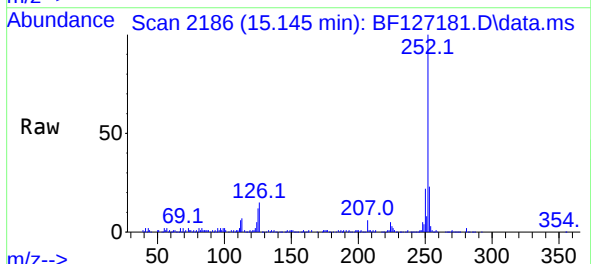
Tgt Ion:252 Resp: 242918
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.1 12.4 18.6

Manual Integrations
APPROVED

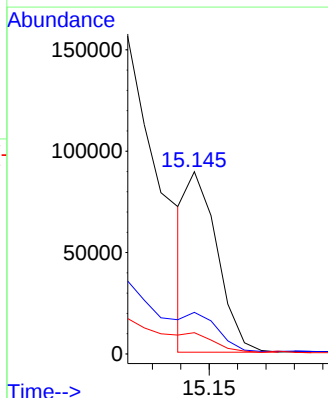
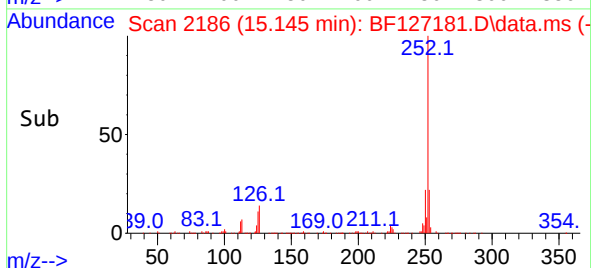
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

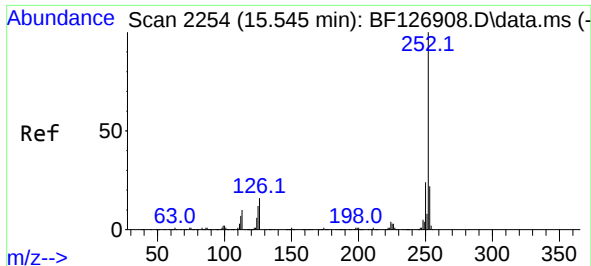


#89
Benzo(k)fluoranthene
Concen: 4.770 ng m
RT: 15.145 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00



Tgt Ion:252 Resp: 65626
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 11.7 11.8 17.6





#90

Benzo(a)pyrene

Concen: 14.084 ng m

RT: 15.492 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

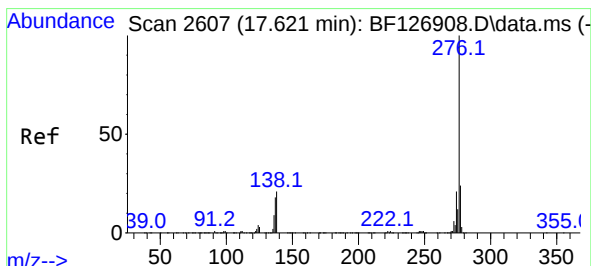
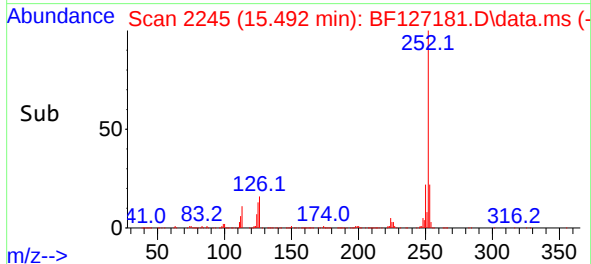
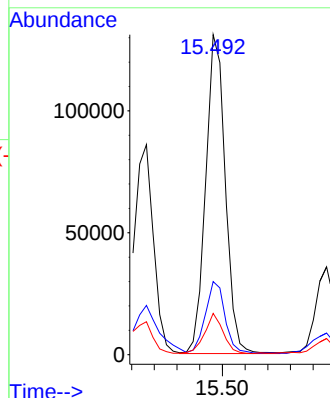
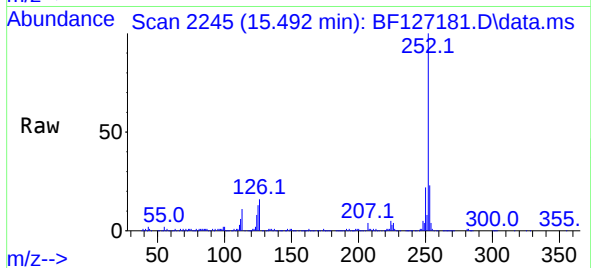
DUM-12

Tgt Ion:252 Resp: 15691
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.1 25.7
 125 12.9 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/04/2022
 Supervised By :Jagrut Upadhyay 03/04/2022



#92

Benzo(g,h,i)perylene

Concen: 6.353 ng

RT: 17.521 min Scan# 2590

Delta R.T. -0.030 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

Tgt Ion:276 Resp: 72133
 Ion Ratio Lower Upper
 276 100
 277 22.9 18.5 27.7
 138 23.2 25.9 38.9

